

## Federal Communications Commission

## § 95.621

(e) Each Low Power Radio Service transmitter (a transmitter that operates or is intended to operate in the LPRS) must be certificated.

(f) Each Medical Implant Communications Service transmitter (a transmitter that operates or is intended to operate in the MICS) must be certificated except for medical implant transmitters that are not marketed for use in the United States, but which otherwise comply with the MICS technical requirements and are operated in the United States by individuals who have traveled to the United States from abroad. Medical implant transmitters (as defined in appendix 1 to subpart E of part 95 of this chapter) are subject to the radiofrequency radiation exposure requirements specified in §§ 1.1307 and 2.1093 of this chapter, as appropriate. Applications for equipment authorization of devices operating under this section must contain a finite difference time domain (FDTD) computational modeling report showing compliance with these provisions for fundamental emissions. The Commission retains the discretion to request the submission of specific absorption rate measurement data.

(g) Each Multi-Use Radio Service transmitter (a transmitter that operates or is intended to operate in the MURS) must be certificated in accordance with Subpart J of Part 2 of this chapter, Provided however, that those radio units certificated as of November 12, 2002 need not be recertificated.

[53 FR 36789, Sept. 22, 1988, as amended at 61 FR 28769, June 6, 1996; 61 FR 46567, Sept. 4, 1996; 63 FR 36610, July 7, 1998; 64 FR 69929, Dec. 15, 1999; 65 FR 60877, Oct. 13, 2000; 67 FR 63289, Oct. 11, 2002]

### § 95.605 Certification procedures.

Any entity may request certification for its transmitter when the transmitter is used in the GMRS, FRS, R/C, CB, IVDS, LPRS, MURS, or MICS following the procedures in part 2 of this chapter. Medical implant transmitters shall be tested for emissions and EIRP limit compliance while enclosed in a medium that simulates human body tissue in accordance with the procedures in § 95.639(g). Frequency stability testing for MICS transmitters shall be

performed over the temperature range set forth in § 95.628.

[63 FR 36610, July 7, 1998, as amended at 64 FR 69930, Dec. 15, 1999; 65 FR 60877, Oct. 13, 2000]

### § 95.607 CB transmitter modification.

Only the holder of the grant of authorization of the particular certificated CB transmitter may make the modifications permitted under the provisions for certification (see part 2 of this chapter.) No grantee shall make any of the following modifications to the transmitter without prior written permission from the FCC (Federal Communications Commission):

(a) The addition of any accessory or device not specified in the application for certification and authorized by the FCC in granting the certification;

(b) The addition of any switch, control or external connection;

(c) Any modification to provide for additional transmitting frequencies, increased modulation level, a different form of modulation, or increased *TP* (RF transmitter power expressed in *W* (watts), either *mean power* (TP averaged over at least 30 cycles of the lowest modulating frequency, typically 0.1 seconds at maximum power) or *peak envelope power* (TP averaged during 1 RF cycle at the highest crest of the modulation envelope), as measured at the transmitter output antenna terminals.)

[53 FR 36789, Sept. 22, 1988, as amended at 63 FR 36610, July 7, 1998]

## TECHNICAL STANDARDS

### § 95.621 GMRS transmitter channel frequencies.

(a) The GMRS transmitter *channel frequencies* (reference frequencies from which the carrier frequency, suppressed or otherwise, may not deviate by more than the specified frequency tolerance) are 462.5500, 462.5625, 462.5750, 462.5875, 462.6000, 462.6125, 462.6250, 462.6375, 462.6500, 462.6625, 462.6750, 462.6875, 462.7000, 462.7125, 462.7250, 467.5500, 467.5750, 467.6000, 467.6250, 467.6500, 467.6750, 467.7000, and 467.7250.

NOTE: Certain GMRS transmitter channel frequencies are authorized only for certain station classes and station locations. See part 95, subpart A.